

# Parth Sharma

Associate Engineering Manager

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## PROFESSIONAL SUMMARY

Experienced **Associate Engineering Manager** with **7.5+ years** of experience in **full-stack development, team leadership, and technical architecture**. Expertise in **micro-services, AI-powered solutions, and high-scale web applications**. Skilled in **mentoring teams, optimizing development processes, and leveraging emerging technologies** to drive efficiency and growth.

## PROFESSIONAL EXPERIENCE

**HexaHealth (Vianam HealthTech Pvt. Ltd.) | Gurugram, India**

**Associate Engineering Manager** (Oct 2024 - Present)

**Technical Lead Engineer** (Oct 2022 - Sept 2024)

**Senior Full Stack Engineer** (Dec 2021 - Sept 2022)

- Leading AI-driven initiatives, to improve **lead qualification and conversion rates**, as well as **prescription analysis** and **call intelligence integration** to upgrade **lead quality by 25%**.
- Spearheading the engineering team in **architecting scalable and high-performance applications**.
- Successfully **engineered and fine-tuned a Next.js based website** attracting **1M+ monthly visitors**. Driving technical SEO enhancements, improving performance and visibility.
- Led a **cross-functional team of 12 full-stack developers and QA engineers**, driving agile methodologies that improved sprint velocity by 30%
- As founding engineer, architected upheld a dependable **micro-services ecosystem** with **20 services**, independently handling **6 critical services** which resulted in a 50% reduction in system downtime.

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**Freelance | New Delhi, India**

**Full-Stack Developer** (Jun 2020 - Dec 2021)

- **Created and launched 5+ full-stack web applications** utilizing modern frameworks including **ReactJS and Node.js**, achieving client satisfaction ratings of over 95%.
  - Constructed secure, scalable RESTful APIs with Node.js, Express, MySQL, and MongoDB, ensuring seamless integration with **front-end interfaces and achieving 99.9% API uptime**.
  - Designed and **optimized responsive and interactive UI/UX experiences** with advanced Bootstrap, CSS, and JavaScript libraries
  - Collaborated closely with diverse clients, **delivering customized and user-centric solutions**, reducing client project turnaround time by 20%.
  - Successfully integrated third-party APIs and services, **including payment gateways and social media platforms**, to enhance application functionality and user experience.
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## ArrayStack Technologies Pvt. Ltd. | New Delhi, India

**Back-End Developer** (Apr 2018 - Apr 2020)

**Android Developer** (Jul 2017 - Mar 2018)

- Curated and maintained **20+ high-performance** web applications and enterprise portals using PHP, Node.js, and MySQL, ensuring seamless business operations.
  - Designed and implemented JWT-secured APIs, improving **data integrity and security** for authentication and authorization.
  - Enhanced system scalability and efficiency by optimizing existing applications, reducing latency and improving response time by overall under 150ms.
  - Mobilizes resources for high-traffic websites, applying performance tuning and load balancing strategies to ensure smooth handling of concurrent users on Academia Administration Suite with addition of 2500+ students every year.
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## EDUCATION

- **Master of Computer Applications (MCA)** – (GGSIPU | 2014-2017)
- **Bachelor of Computer Applications (BCA)** – (GGSIPU | 2011-2014)

## AREAS OF EXPERTISE

- **AI & ML:** Python, TensorFlow, PyTorch, Scikit-Learn, NLP (BERT, GPT), Google Vertex AI, Google Gemini, OpenAI API
- **Languages & Frameworks:** Node.js, JavaScript (ES6+), Java, React.js, jQuery, PHP, Kotlin
- **Backend & APIs:** Express.js, RESTful APIs, JWT, MySQL, MongoDB, FirebaseDB
- **Cloud & DevOps:** AWS (EC2, S3, Elastic Beanstalk, Route53), Firebase, Git (GitHub, BitBucket), Google Cloud Platform (GCP)
- **Tools & Operating Systems:** VS Code, Android Studio, PyCharm, macOS, Ubuntu, Windows

## CERTIFICATIONS & TRAININGS

- **Provided Advanced Android Training Program (Instructor for 100+ students)** – Rukmani Devi Institute of Advanced Studies (2015)
- **Java & Android Industrial Training** – CDAS Consultancy Pvt. Ltd. (2013)

## KEY ACHIEVEMENTS

- Led AI-driven **call analysis intelligence system** using **VertexAI & Google Gemini**, improving lead quality handling around 20K calls a day.
- Supervised a **1M+ monthly visitor** website with **streamlined SEO and site performance**.
- Developed and deployed **100K+ downloads** consumer-facing applications.
- **Mentored and managed** teams of **8-10 engineers**, aligning with agile methodologies.
- Built and sustained a **robust microservices ecosystem** supporting **scalable infrastructure**.